

KENSONZ

## Ken-Up Dry.



## Key Features.

- Active constituent:** 680g/L Glyphosate as a mono-ammonium salt
- Formulation:** Water Dispersible Granule
- Surfactant loading:** Superior wetter package/penetrant & Ammonium Sulphate buffer
- Rain fastness:** 2 hours (can be further reduced with the addition of "Silken")
- Compatibility:** Compatible with many other contact and residual herbicides
- Mixing:** Easy to handle and highly soluble
- Transport:** Efficient to transport
- Packaging:** Sturdy, moisture proof, disposable and no recycling levies.
- General:** Particularly suitable for larger and aerial application jobs (broad acre, forestry, roadsides, and contractors)



The  
Smart Choice

- ✓ PREMIUM GLYPHOSATE GRANULE
- ✓ EASY TO USE
- ✓ ALL-IN-ONE FORMULA
- ✓ EXCEPTIONAL VALUE
- ✓ EXCELLENT RAIN-FASTNESS

# Product Characteristics.

- Ken-Up Dry 680 is a yellowish, free flowing, dust free, extruded granule.
- Is a mono-ammonium Glyphosate salt
- Very high solubility
- Very stable formulation when mixed
- High efficacy form of Glyphosate
- Easy storage, transport and handling

# Product Features.

- Built in surfactant system
- Rapid brown out
- Contains Sulphate of Ammonia which enhances performance in; hard water, plant uptake and efficacy
- Wide use registrations
- Highly suitable for aerial, broad acre and large scale applications

# Ken-Up Features.

## Why mono-ammonium salt?

Glyphosate technical acid can be reacted with a number of bases to convert the acid to a useable and soluble salt form (Glyphosate salts commonly found are; isopropylamine, mono-ammonium, potassium and sodium salts). In Ken-Up Dry the mono-ammonium salt is utilised. Using the mono-ammonium salt allows a very high loading of the acid (68%) and is particularly suitable for formulating the product as a water soluble granule.

### Use Situations:

Ken-Up Dry 680 has extensive registrations and label claims for:

Cropping Horticulture	Forestry Vineyards	Amenity General weed control
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## Surfactants

The high surfactant system in Ken-Up Dry 680 allows easy mixing, rapid translocation into the plant, rapid brownout, high rain fastness and stability when mixed. Ken-Up Dry 680 is a premium Glyphosate with excellent all round performance.

## Mixing Guide

Ken-Up Dry 680 can be weighed or measured volumetrically. In tank mixes add Ken-Up Dry 680 first and any additional surfactants last.

Add Ken-Up Dry 680 slowly (e.g. 10kg per 2 minutes) to a half full spray tank. Ensure adequate agitation when mixing and in solution.

In situations where the water used for the Glyphosate mix is hard i.e. alkaline (higher than a pH of 7) the addition of “Buffy” at label rates is recommended.

### Volumetric Measuring Guide:

Amount of Ken-Up Dry Required (kg)	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
Volume Equivalent (Litres)	0.75	1.6	2.3	3.0	3.8	4.6	5.3	6.0	6.8	7.6



## *Ken-Up Dry 680*

# Best Use Tips.

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- Ensure weeds are growing healthily and are not unduly affected by water logging, drought stress, frost, excessive pest or disease pressure, hard stock grazing or browsing.
- Ideal temperatures for Ken-Up Dry application are between 18°C and 30°C.
- Glyphosate activity greatly increases in humid conditions when air moisture hydrates plant cuticles and activity also increases when plants are growing under good soil moisture. Inversely, weed control is reduced under low humidity and when weeds are drought stressed.
- Dew or moisture on target plant foliage at application may reduce weed control by diluting the glyphosate concentration in spray droplets and negate the effect of low spray volume at application.
- Rainfall or irrigation within 2 hours of application can wash the product from the target weeds; do not apply if rainfall or irrigation is imminent.
- Glyphosate absorption on the plant leaf surface can be inactivated by dust present on the leaf surface. Organic matter and clay particles in spray mix water will also inactivate Glyphosate. It is important to use clean water sources for the spray mix.
- As a general rule Glyphosate will perform better when applied at the lowest appropriate water rate per hectare i.e. most concentrated. Use the lowest appropriate water rate possible when applying Ken-Up Dry 680, however it is not recommended to use a water rate of less than 30L/ha.
- Delay tillage, grazing or mowing until at least 1 day after treating annual weeds and 3 days after treating perennial weeds.
- Glyphosate is a non-selective, translocated, foliar herbicide that can cause severe injury or death of plants intercepting even a small amount of active ingredient in off-target spray drift. Use drift management techniques.
- The addition of "Silken" (organo-silicon) spreader penetrant to the spray mix is recommended where hard to wet plants and/or brush weeds are targeted or where rapid rain fastness is required. The drying time for Ken-Up Dry is reduced from approximately 2 hours to 30 minutes with the addition of Silken.
- The addition of Buffy is recommended in situations where the spray mix water is of a pH of 7 or higher. Ken-Up Dry 680 does have some Ammonium Sulphate added in the formulation which will assist in buffering (reducing the pH) of the spray mix solution. The addition of "Buffy" will assist in additionally lowering the pH of a tank mix significantly. Higher label rates of Buffy will also assist in reducing the amount of superfine droplets in the spray column thereby reducing the potential for off target drift and damage. Consult the Buffy label for information on the correct rate to use.
- Always follow the label application rates and use a rate of Ken-Up Dry 680 in the spray mix and/or on a per hectare basis that will be effective in controlling the most difficult to control weed species in the targeted species range. Higher use rates per hectare will also reduce the potential development of weed resistance to Glyphosate.
- Glyphosate will not effectively control some weed species such as Clovers, Malva spp. (Mallows) etc. The addition of other herbicides with the Ken-Up Dry 680 mix can be considered if Glyphosate non-susceptible weed species are present. Ken-Up Dry 680 has a very wide range of compatibility with most other herbicides such as the Phenoxies, Oxyfluorfen, etc. Ken-Up Dry 680 has no residual activity, however other herbicides added to the Ken-Up Dry 680 mix may have soil residual activity. Ensure non-residual herbicides are used in the mix where soil residues are likely to cause crop damage.

# Guaranteed to perform.

At Kenso our products are guaranteed to perform when used as directed or your product is replaced. Kenso NZ produces and distributes a wide range of quality crop protection products for use in New Zealand farming, forestry and horticulture.

As a division of the Kenso corporation, we have over 30 years experience in agricultural chemical manufacture and formulation. From our three modern production sites we are able to efficiently cater to the seasonal market.

We also have a dedicated product development and quality control chemistry team which provides the capacity to design robust product formulations for New Zealand conditions.

In line with our motto 'better crop production for a growing population' Kenso has the vision of being recognised as a world class supplier of crop protection products for New Zealand farmers, foresters and growers.



## Rate Conversion Guide (Rate per Ha)

Ken-Up Dry 680 g/kg	360 g/l	510 g/l	540g/kg (Ken-Up Dry)
1 Kg	1.9 Litres	1.3 Litres	1.26 Litres
2 Kg	3.8 Litres	2.7 Litres	2.5 Litres
3 Kg	5.7 Litres	4.0 Litres	3.8 Litres
4 Kg	7.6 Litres	5.3 Litres	5 Litres
5 Kg	9.4 Litres	6.7 Litres	6.3 Litres
6 Kg	11.3 Litres	8 Litres	7.6 Litres
7 Kg	13.2 Litres	9.3 Litres	8.8 Litres
8 Kg	15.1 Litres	10.7 Litres	10.1 Litres
9 Kg	17 Litres	12 Litres	11.3 Litres
10 Kg	18.9 Litres	13.3 Litres	12.6 Litres
15 Kg	28.3 Litres	20 Litres	18.9 Litres

## Packaging.

- Ken-Up Dry is packed in a 15kg cardboard box and a low density polyethylene bag inner.
- The cardboard carton can either be recycled or disposed of by burning, landfill etc.
- The 15kg pack is equivalent to 19 Litres of 540 strength Glyphosate or 28.3 Litres of 360 strength Glyphosate.
- Ken-Up Dry is palletised on wooden disposable pallets, 36 x 15kg to a pallet (600kg approx.)

## Available from

## Contact.

For more information visit [www.kenso.co.nz](http://www.kenso.co.nz)

Order Freephone: 0800 KENSONZ (0800 536 766)

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